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COVER

The role of environment in the development of astronomical systems is illustrated by the hypothetical navigator in tropical latitudes who finds his island destination by mnemonic association with a particular linear constellation composed of member stars that rise or set vertically with respect to the direction of that island in the horizon plane. The two members of the chain, connected by a dashed line in the illustration, can be recognized by astronomers in north temperate latitudes as part of a different star pattern—the well-known constellation of Orion. See page 161. [Sketch by Julia Meyer, Colgate University, Hamilton, New York 13346]